		Win	d Erosion We	orksheet						
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 Fo	OTG				
C	lient:	Fiel	d #:	Da	ite:	C	ounty			
Walnut	dale Dairy	Н	H-8 9/6/2011			Α	llegan			
		Soil "I" Value	e - refer to Sect	ion II of the	e FOTG					
	Na	me	#	I value	T					
Soil Type 1:	Osh	temo	11B	134	5					
Soil Type 2:		tea	27C	134	4	1 = 0 = 0				
	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG Tillage used for Krd Krd Value									
D			for Kra		Krd Value					
Present		None			1					
Planned		None Climatic Factor	u uofou to tobl	o 2 Continu	1 FOTC					
Country	۸۱۱۵	Climatic Factor - refer to table 2 Section 1 FOTG Allegan Climatic Factor: 8								
County:	Alle	yan "I" Lor	ngth of Unshelt		_					
		Windbreak adju			culated "L" (Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)			
Present	735		Treeline	Aligie	Auj lactor	r leid Widti	535			
Planned	735		Treeline				535			
riamica	700	Windbreak adju		Or cald	ulated "L" (I Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)			
Present	735		Treeline	raigio	r taj raotor	Tiola Watr	535			
Planned	735		Treeline				535			
	"V" - Vegitative			nt) for each	crop in ro	tational peri	od			
		,	% residue	Lbs	Manure		-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate	, 0	1			
Soil Type 1:	Alfalfa	Alfalfa	65%	2700						
Soil Type 2:	Alfalfa	Alfalfa	65%	2700						
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Alfalfa	Alfalfa	65%	2700						
Soil Type 2:	an introduction	Alfalfa	65%		/					
'	'E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
	Alfalfa		Alfalfa	0		0	5			
Soil Type 2:	Alfalfa	0	Alfalfa	0		0	4			

		Win	d Erosion W	orksheet					
	base	d on Wind Eros		The state of the s	ection 1 F	OTG			
С	lient:		d #:		ite:		ounty		
	tdale Dairy		N&S						
		Soil "I" Valu	e - refer to Sec	tion II of the	e FOTG				
	Na	me	#	I value	Т				
Call Turns 4.	Cha	la a a	110	404		1			
Soil Type 1:	Che	elsea	44C	134	5	ŀ			
Soil Type 2:		tford	51A	134	4				
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG			
Tillage used for Krd Krd Value									
Present		None 1							
Planned		None			1				
		Climatic Factor - refer to table 2 Section 1 FOTG							
County:									
			ngth of Unshelt						
		Windbreak adju			culated "L" (Adjusted "L"		
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)		
Present	790		Treeline				390		
Planned	790		Treeline				390		
		Windbreak adju			culated "L" (Adjusted "L"		
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)		
Present	700		Treeline				300		
Planned	700		Treeline				300		
	"V" - Vegitative	Factor (Small							
		6200 201 0	% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Present Crop	Residue	Cover	residue	rate		1		
Soil Type 1:	Silage Corn	Silage Corn		350					
Soil Type 2:	Silage Corn	Silage Corn		350					
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Planned Crop	Residue	Cover	residue	rate		2		
Soil Type 1:	Silage Corn	Silage Corn		350					
Soil Type 2:	Silage Corn	Silage Corn		350					
'	"E" Estimated A								
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)		
Soil Type 1:	Silage Corn		Silage Corn	4		4	5		
Soil Type 2:	Silage Corn	3	Silage Corn	3		3	4		

		Win	d Erosion W	orksheet				
		ed on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG		
	lient:		ld #:		ite:	C	ounty	
Walnut	tdale Dairy		-13		2011	Α	llegan	
		Soil "I" Valu	e - refer to Sect	ion II of th	e FOTG			
	Na	ime	#	I value	Т			
Soil Type 1:	Me	etea	27B	134	4			
Soil Type 2:								
	Soil Roug	hness (Ridge) \	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG		
		Tillage used			Krd Value			
Present		None			1	•		
Planned		None			1			
		Climatic Facto	1 FOTG					
County:	Alle	egan						
	"L" - Length of Unsheltered Distance							
		Windbreak adju	stments:	Or calc	culated "L" ((Table 4)	Adjusted "L"	
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)	
Present	725	// 20	Treeline				325	
Planned	725		Treeline				325	
		Windbreak adju			culated "L" (Adjusted "L"	
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)	
Present			Treeline				0	
Planned							0	
	"V" - Vegitative	Factor (Small						
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table	
	Present Crop	Residue	Cover	residue	rate		1	
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	15,000gal	3,	000lbs	
Soil Type 2:								
		_ ,,	% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table	
	Planned Crop	Residue	Cover	residue	rate		2	
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	15,000gal	3,	000lbs	
Soil Type 2:								
	"E" Estimated A							
0 " 7 .	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)	
Soil Type 1:	Alfalfa		Alfalfa	0		0	4	
Soil Type 2:	0	0	0	0		0	0	

		Win	d Erosion W	orksheet							
	base	d on Wind Eros			ection 1 F	OTG					
l c	lient:		d #:		ite:		ounty				
	tdale Dairy		D-14 9/6/2011				Allegan				
500-13.750000-02-1888		Soil "I" Value	e - refer to Sect	ion II of the	e FOTG		0				
	Na	me	#	I value	Т						
0-11 Tons - 4			070	T		1					
Soil Type 1:	IVIE	Metea 27C 134 4									
Soil Type 2:											
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG									
Tillage used for Krd Krd Value											
Present	Chisel Plo										
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1									
		Climatic Factor - refer to table 2 Section 1 FOTG									
County:	Alle	gan	Climatic F		8						
	γ		ngth of Unshelt								
		Windbreak adju			culated "L" (Adjusted "L"				
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)				
Present	400		Treeline				200				
Planned	400		Treeline				200				
		Windbreak adju			culated "L" (Adjusted "L"				
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)				
Present			Treeline				0				
Planned							0				
	"V" - Vegitative	Factor (Small									
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Present Crop	Residue	Cover	residue	rate						
Soil Type 1:	Silage corn	Silage corn		350	7,700gal	3	800lbs				
Soil Type 2:											
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Planned Crop	Residue	Cover	residue	rate		2				
Soil Type 1:	Silage corn	Silage corn		350	5tons	4	50lbs				
Soil Type 2:		L	L, , , , _	/6	=" 4 1 !	L	TO\				
	"E" Estimated A										
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)				
Soil Type 1:	Silage corn		Silage corn	0.7		0.45	4				
Soil Type 2:	0	0	0	0		0	0				

		Win	d Erosion W	orksheet					
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG			
c	lient:		ld #:		ite:		ounty		
Walnu	tdale Dairy	W-:	22A	2A 9/6/2011 Allegan					
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG				
	Na	me	#	I value	Т				
Soil Type 1:	Rir	ner	28A	134	3				
Soil Type 2:									
7,	Soil Roug	hness (Ridge) \	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG			
	 	Tillage used			Krd Value				
Present	Chisel Pla	Chisel Plow, 3-4" ridges by 18" wide 1							
Planned		Chisel Plow, 3-4" ridges by 18" wide							
		Climatic Factor - refer to table 2 Section 1 FOTG							
County:	Allegan Climatic Factor: 8								
		"L" - Ler	ngth of Unshelt	ered Distar	псе				
		Windbreak adju		Or cald	culated "L" (Table 4)	Adjusted "L"		
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)		
Present	1300	20	Treeline				1100		
Planned	1300	20	Treeline				1100		
		Windbreak adju	stments:	Or cald	culated "L" (Table 4)	Adjusted "L"		
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)		
Present			Treeline				0		
Planned							0		
	"V" - Vegitative	Factor (Small		nt) for each	crop in ro				
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Present Crop	Residue	Cover	residue	rate		1		
Soil Type 1:	Corn Silage	Corn Silage		350	7,500gal		500		
Soil Type 2:									
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Planned Crop	Residue	Cover	residue	rate		2		
Soil Type 1:	Corn Silage	Corn Silage		350	7500gal		500		
Soil Type 2:									
	"E" Estimated A	nnual Soil Los	s by wind Erosi	on (from "l	E" tables S	ection 1 FO			
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)		
Soil Type 1:	Corn Silage	2.75		2.75		2.75	3		
Soil Type 2:	0	0	0	0		0	0		

		Win	d Erosion W	orksheet					
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG			
C	lient:		ld #:		ite:		ounty		
Walnut	tdale Dairy	W-	22B	9/6/	2011		llegan		
		Soil "I" Valu	e - refer to Sect	tion II of the	e FOTG				
	Na	ime	#	I value	T				
Soil Type 1:	Div	mer	28A	134	3	1			
	KII	nei	20A	134	3	-			
Soil Type 2:									
	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
Tillage used for Krd Krd Value									
Present		Chisel Plow, 3-4" ridges by 18" wide							
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1							
		Climatic Factor - refer to table 2 Section 1 FOTG							
County:	Alle	gan	Climatic F		8				
			ngth of Unshelt						
		Windbreak adju			culated "L" (Adjusted "L"		
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)		
Present	1300		Treeline				1100		
Planned	1300		Treeline				1100		
		Windbreak adju			culated "L" (Adjusted "L"		
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)		
Present			Treeline				0		
Planned							0		
	"V" - Vegitative	Factor (Small							
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Present Crop	Residue	Cover	residue	rate		1		
Soil Type 1:	Corn Silage	Corn Silage		350	7,500gal		500		
Soil Type 2:									
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table		
	Planned Crop	Residue	Cover	residue	rate		2		
Soil Type 1:	Corn Silage	Corn Silage		350	7500gal		500		
Soil Type 2:									
	"E" Estimated A								
	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)		
Soil Type 1:	Corn Silage	2.75		2.75		2.75	3		
Soil Type 2:	0	0	0	0		0	0		

			С							
	haec	d on Wind From	sion Worksheet	found in S	oction 1 E	OTG				
	lient:		ld #:		ite:		County			
	tdale Dairy		s-33	9/6/2011		Allegan				
vvairiu	tdaic baily		e - refer to Sec				Miegari			
	Na	ime	#	l value	T					
			Т "	1	i '	1				
Soil Type 1:	Rir	mer	28A	134	3	_				
Soil Type 2:	The	tford	51A	134	4					
	Soil Roug	hness (Ridge)	Value (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG				
Tillage used for Krd Krd Value										
Present	Chisel Plo	ow, 3-4" ridges b	y 18" wide		1	-				
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide								
		Climatic Factor	or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	gan	Climatic F		8					
		"L" - Lei	ngth of Unshelt	ered Distar	nce					
		Windbreak adju	ıstments:	Or cald	culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	650		Ditch				600			
Planned	650		Ditch				600			
		Windbreak adju			culated "L" (Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	650		Ditch				600			
Planned	650		Ditch				600			
	"V" - Vegitative	Factor (Small								
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Wheat	Wheat			9,400gal		1250			
Soil Type 2:	Wheat	Wheat			9,400gal		1250			
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Silage Corn	Silage Corn			5,000gal		350			
Soil Type 2:	Silage Corn	Silage Corn			5,000gal		350			
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Wheat		Silage Corn	2.5		1.25	3			
Soil Type 2:	Wheat	0	Silage Corn	2.5		1.25	4			

		Win	d Erosion W	orkehoot				
	hase		sion Worksheet		oction 1 E	OTG		
	lient:		ld #:		ate:		County	
	tdale Dairy		-34	9/6/2011			Allegan	
vvairiu	tuale Dally		e - refer to Sec	April 1917			Megan	
	Na	me	#	l value	e roid T			
			T	1	'	1		
Soil Type 1:	Meta	mora	42B	86	5			
Soil Type 2:								
	Soil Roug	hness (Ridge)	Value (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG		
		Tillage used	for Krd		Krd Value			
Present	Present Chisel Plow, 3-4" ridges by 18" wide 0.7							
Planned	Chisel Plo	w, 3-4" ridges b	y 18" wide		0.7			
		Climatic Fact	or - refer to tabl	e 2 Section	1 FOTG			
County:	Alle	gan	Climatic F		8			
		"L" - Le	ngth of Unshelt	ered Distai	nce			
		Windbreak adju	ıstments:	Or calc	culated "L"	(Table 4)	Adjusted "L"	
Soil Type 1:		Height	Туре:	Angle	Adj factor	Field width	value (Ft)	
Present	1000		Brush				900	
Planned	1000	10	Brush				900	
		Windbreak adju	ıstments:	Or cald	culated "L"	(Table 4)	Adjusted "L"	
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)	
Present							0	
Planned							0	
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational per	iod	
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table	
	Present Crop	Residue	Cover	residue	rate		1	
Soil Type 1:	Corn Grain	Corn Grain	40%	675	0			
Soil Type 2:								
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table	
	Planned Crop	Residue	Cover	residue	rate		2	
Soil Type 1:	Corn Grain	Corn Grain	40%	675				
Soil Type 2:								
11	"E" Estimated A	nnual Soil Los	s by wind Erosi	on (from "l	E" tables S	ection 1 FO	TG)	
		Soil Loss		Soil Loss		Soil Loss	Tolerable (T/ac)	
Soil Type 1:	Corn Grain	1.25	Corn Grain	1.25		1.25	5	
Soil Type 2:	0	0	0	0		0	0	

		Win	d Erosion W	orksheet					
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 Fo	OTG			
С	lient:		ld #:		ite:	C	ounty		
Walnu	tdale Dairy		-35		2011	Α	llegan		
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG				
	Na	me	#	I value	T				
Soil Type 1:	Osh	temo	11B	134	5				
Soil Type 2:	The	tford	51A	134	4				
7,	Soil Roug	hness (Ridge) \	Value (Krd) - *re	fer to Tabl	e 5, Section	n 1 FOTG			
Tillage used for Krd Krd Value									
Present	Chisel Plo	w, 3-4" ridges b			1	•			
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide							
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG				
County:	Alle	gan	Climatic F	actor:	8				
		"L" - Ler	ngth of Unshelt	ered Distar	тсе				
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"		
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)		
Present	275		Brush				175		
Planned	275		Brush				175		
		Windbreak adju			culated "L" (Adjusted "L"		
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)		
Present	275		Brush				175		
Planned	275		Brush				175		
	"V" - Vegitative	Factor (Small							
	Service Service		% residue	Lbs	Manure	SGe (Fig. a	n-1 to c-2.) Table		
	Present Crop	Residue	Cover	residue	rate		1		
Soil Type 1:	Corn Grain	Corn Grain	40%		0		0		
Soil Type 2:	Corn Grain	Corn Grain	40%		0		0		
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table		
	Planned Crop	Residue	Cover	residue	rate		2		
Soil Type 1:	Corn Grain	Corn Grain	40%		0		0		
Soil Type 2:	Corn Grain	Corn Grain	40%		0	L	0		
	"E" Estimated A								
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)		
Soil Type 1:	Corn Grain		Corn Grain	1.5		1.5	5		
Soil Type 2:	Corn Grain	1.5	Corn Grain	1.5		1.5	4		

		Win	d Erosion W	orksheet						
	base	d on Wind Eros	ion Worksheet	found in S	ection 1 F	OTG				
CI	lient:	Fiel	d #:	Da	ite:	C	ounty			
Walnut	dale Dairy	UB-	37A	9/6/2	2011	Α	llegan			
		Soil "I" Valu	e - refer to Sec	tion II of the	FOTG					
	Na	ime	#	I value	Т					
Soil Type 1:	Che	elsea	44B	134	4					
Soil Type 2:		tea	27B	134	4	1 5050				
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
 	Tillage used for Krd Krd Value Chisel Plow, 3-4" ridges by 18" wide 1									
Present		, ,	,		1					
Planned	Chisei Pic	ow, 3-4" ridges by		- 0.04:	4 5050					
0	A II -		or - refer to tabl							
County:	Alle	egan	Climatic F		8					
			ngth of Unshelt			Table 4)	1 Adimeted !!! !!			
Call Tomas 4:	NA I III II	Windbreak adju			culated "L" (Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	500		Treeline				200			
Planned	500		Treeline			<u> </u>	200			
0.17	N. 4	Windbreak adju			culated "L" (Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	500		Treeline				200			
Planned	500		Treeline	<u></u>	L	L	200			
	"V" - Vegitative	Factor (Small (
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Silage Corn	Silage Corn			5,00gal		350			
Soil Type 2:	Silage Corn	Silage Corn			5,00gal		350			
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Silage Corn	Silage Corn			5,000gal		350			
Soil Type 2:	Silage Corn	Silage Corn			5,000gal		350			
1	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Silage Corn	1.5	Silage Corn	1.5		1.5	4			
Soil Type 2:	Silage Corn	1.5	Silage Corn	1.5		1.5	4			

		Win	d Erosion W	orksheet						
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG				
С	lient:	Fiel	d #:	Da	ite:	C	ounty			
Walnut	tdale Dairy	UB-	37B	9/6/	2011	А	llegan			
		Soil "I" Valu	e - refer to Sec	tion II of the	e FOTG					
	Na	me	#	I value	Т					
Soil Type 1:	Me	tea	27B	134	4					
Soil Type 2:	Coru	unna	36	86	5					
, , , , , , , , , , , , , , , , , , ,		hness (Ridge) \	/alue (Krd) - *re	efer to Tabl	e 5, Section	n 1 FOTG				
Tillage used for Krd Krd Value										
Present	Chisel Plow, 3-4" ridges by 18" wide 1/.7									
Planned		w, 3-4" ridges b			1/.7					
		Climatic Factor - refer to table 2 Section 1 FOTG								
County:	Alle	gan	Climatic F		8					
		"L" - Ler	ngth of Unshelt	ered Distar	nce					
		Windbreak adju		Or cald	culated "L" (Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1650	30	Treeline				1350			
Planned	1650	30	Treeline				1350			
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1250		Treeline				950			
Planned	1250		Treeline				950			
	"V" - Vegitative	Factor (Small								
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Silage Corn	Silage Corn			5,00gal		350			
Soil Type 2:	Silage Corn	Silage Corn			5,00gal		350			
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Silage Corn	Silage Corn			7,500gal		500			
Soil Type 2:	Silage Corn	Silage Corn			7,500gal		500			
'	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Silage Corn		Silage Corn	3.25		3.875	4			
Soil Type 2:	Silage Corn	1	Silage Corn	0.75		0.875	5			

		10/:	al Eugaian M	- ulsala a a 4						
			d Erosion W	THE R. P. LEWIS CO., LANSING, MICH.	4' 4 E4	0.7.0				
		ed on Wind Eros								
	lient:	20, 20,00	ld #:		ite:		ounty			
vvainu	tdale Dairy		BN (A)		2011	A	llegan			
	M		e - refer to Sect							
	Na	ime	#	l value	T	1				
Soil Type 1:	Oal	ville	53B	250	4					
Soil Type 2:										
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
Tillage used for Krd Krd Value										
Present	Chisel Pla	ow, 3-4" ridges b	y 18" wide		1	•				
Planned	Chisel Pla	Chisel Plow, 3-4" ridges by 18" wide								
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG					
County: Allegan Climatic Factor: 8										
		"L" - Lei	ngth of Unshelt	ered Distai	псе					
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	700	5	Ditch				650			
Planned	700	5	Ditch				650			
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	od			
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Silage Corn	Silage Corn		350	5,500gal	3	350lbs			
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage		350	5,500gal	3	350lbs			
Soil Type 2:										
	"E" Estimated A	nnual Soil Los	s by wind Erosi	on (from "	E" tables S	ection 1 FO				
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Silage Corn	8	Corn Silage	8		8	4			
Soil Type 2:	0	0	0	0		0	0			

The predicted rate of soil erosion exceeds the tolerable limit for this field.

		Win	d Erosion W	orksheet						
	base	d on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG				
С	lient:		ld #:		ate:		County			
Walnu	tdale Dairy		3S (B)	9/6/	2011		llegan			
-			e - refer to Sec	tion II of th	e FOTG		0			
	Na	me	#	I value	Т					
Soil Type 1:	Ted	łrow	49A	310	5]				
Soil Type 2:						1				
CON TYPE Z.	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	efer to Tabl	e 5 Section	n 1 FOTG				
	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG Tillage used for Krd Krd Value									
Present	Chisel Plow, 3-4" ridges by 18" wide 1									
Planned	Chisel Plow, 3-4" ridges by 18" wide									
			or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	gan	Climatic F		8					
,		"L" - Ler	ngth of Unshelt		nce					
	Windbreak adju			Or calc	culated "L" (Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle		Field width	value (Ft)			
Present	300	5	Ditch				250			
Planned	300	5	Ditch				250			
		Windbreak adju	stments:	Or calc	culated "L" (Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small								
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Silage corn	Silage corn		350	5,500 gal	3	350lbs			
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	n-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage		350	5,500 gal	3	350lbs			
Soil Type 2:		10	L	/6			TO)			
	"E" Estimated A									
O-11 To-1	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Silage corn		Corn Silage	9		9	5			
Soil Type 2:	0	0	0	0		0	0			

The predicted rate of soil erosion exceeds the tolerable limit for this field.

		Win	d Erosion W	orksheet						
	base	ed on Wind Eros	sion Worksheet	found in S	ection 1 Fo	OTG				
С	lient:	Fie	ld #:	Da	ite:	C	ounty			
Walnu	tdale Dairy	———Т-	-43	9/6/	2011	Α	llegan			
		Soil "I" Valu	e - refer to Sect	ion II of the	FOTG					
	Na	me	#	I value	T	_				
Soil Type 1:	Me	etea	27B	134	4					
Soil Type 2:										
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
	Tillage used for Krd Krd Value									
Present	Chisel Pla	Chisel Plow, 3-4" ridges by 18" wide 1								
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide								
		Climatic Factor - refer to table 2 Section 1 FOTG								
County:	Alle	Allegan Climatic Factor: 8								
		"L" - Lei	ngth of Unshelt	ered Distar	псе					
		Windbreak adju	stments:	Or calc	culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	1050		Brush				1000			
Planned	1050	5	Brush				1000			
		Windbreak adju	stments:	Or cal	culated "L" (Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small	Grain equivaler	it) for each	crop in rot					
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Soybeans	Soybeans	35%	500	0					
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Grain Corn	Grain Corn	40%	675	0					
Soil Type 2:										
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Soybeans	5.2		4		4.6	4			
Soil Type 2:	0	0	0	0		0	0			

The estimated rate of soil erosion for this field exceeds the tolerable rate.

		Win	d Erosion W	orksheet			
	base	ed on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG	
С	lient:	Fie	ld #:	Da	ite:	C	ounty
Walnu	tdale Dairy	T-	-44	9/6/2	2011	Α	llegan
	·	Soil "I" Valu	e - refer to Sect	ion II of the	FOTG		
	Na	ame	#	I value	T		
Soil Type 1:	Me	etea	27B	134	4		
Soil Type 2:							
,	Soil Roug	hness (Ridge)	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used	I for Krd		Krd Value		
Present	Chisel Pla	ow, 3-4" ridges b	y 18" wide		1	•	
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide					
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	egan	Climatic F		8		
		"L" - Lei	ngth of Unshelt	ered Distar	псе		
		Windbreak adjustments: Or calculated "L" (Table 4)				Adjusted "L"	
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1450		Brush				1400
Planned	1450		Brush				1400
		Windbreak adju	ıstments:	Or cald	culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small	Grain equivaler				
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		
Soil Type 1:	Soybeans	Soybeans	35%	500	0		
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Corn Grain	Corn Grain	40%	675			
Soil Type 2:							
	"E" Estimated A						
	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.4		4		4.7	4
Soil Type 2:	0	0	0	0		0	0

Comments:
The estimated rate of soil erosion for this field exceeds the tolerable rate.

		Win	d Erosion W	orksheet						
	base		sion Worksheet		ection 1 F	OTG				
l c	lient:		ld #:		ite:		ounty			
	tdale Dairy	T-	45	9/6/	2011	Allegan				
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG					
	Na	ime	#	I value	Т					
Soil Type 1:	Me	etea	27B	134	4					
Soil Type 2:										
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
		Tillage used	for Krd		Krd Value					
Present	Chisel Plo	ow, 3-4" ridges b	y 18" wide		1	•				
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide								
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	egan	Climatic F		8					
		"L" - Lei	ngth of Unshelt	ered Distai	псе					
		Windbreak adju	ıstments:	Or cald	culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	530		Brush				480			
Planned	530		Brush				480			
		Windbreak adju			culated "L"		Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present							(
Planned							(
	"V" - Vegitative	Factor (Small	Grain equivaler							
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Soybeans	Soybeans	35%	500	0					
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	i-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Grain	Corn Grain	40%	675						
Soil Type 2:										
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac			
Soil Type 1:	Soybeans	3.8		3.5		3.65	4			
Soil Type 2:	0	0	0	0		0	0			

		Win	d Erosion W	orkehoot						
	hase	ed on Wind Eros			ection 1 F	OTG				
l c	lient:		d#:		ite:		County			
	tdale Dairy		-46A 9/6/2011			Allegan				
- Training	adio Dairy	25/05/20 107	e - refer to Sect							
	Na	ime	#	I value	Т					
0 17 4			070	404		1				
Soil Type 1:	IVIE	tea	27B	134	4					
Soil Type 2:		elsea	44C	134	5					
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG				
Tillage used for Krd Krd Value										
Present		ow, 3-4" ridges by			1					
Planned	Chisel Plo	ow, 3-4" ridges by			1					
		Climatic Factor - refer to table 2 Section 1 FOTG								
County:	Alle	gan	Climatic F		8					
			ngth of Unshelt							
		Windbreak adju			culated "L" (Adjusted "L"			
Soil Type 1:		Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1400		Treeline				1000			
Planned	1400		Treeline		L.,		1000			
		Windbreak adju			culated "L" (Adjusted "L"			
Soil Type 2:		Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1400	77 10.0	Treeline				1000			
Planned	1400		Treeline		L		1000			
	"V" - Vegitative	Factor (Small (
	D	Desides	% residue	Lbs	Manure	SGe (Fig. a	1-1 to c-2.) Table			
0.11	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Soybeans	Soybeans	35% 35%				0			
Soil Type 2:	Soybeans	Soybeans	% residue	Lbs		CCo /Fig. of				
	Diamand Cran	Decidue	to same of transfers to the secondary	0.75,000,000,000	Manure	SGE (Fig. a	1-1 to c-2.) Table			
Coil Type 1:	Planned Crop	Residue	Cover 40%	residue 675	rate 0		0			
Soil Type 1:	Grain Corn	Grain Corn Grain Corn	40%				0			
Soil Type 2:	Grain Corn "E" Estimated A					oction 1 FO				
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Soybeans		Grain Corn	3.5		4.35	4			
Soil Type 1:	Soybeans		Grain Corn	3.5		4.35	5			
John Type Z.	Tooybeans	5.2	Grain Com	3.5		4.00				

The estimated soil erosion for this field exceeds tolerable limit for the Metea soil type for the planned rotation.

		Win	d Erosion W	orksheet						
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG				
С	lient:	Fie	ld #:	Da	ite:	C	ounty			
Walnu	tdale Dairy	MK-	-46B	9/6/	2011	Α	llegan			
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG					
	Na	ime	#	I value	Т					
Soil Type 1:	Me	etea	27B	134	4					
Soil Type 2:	Che	elsea	44C	134	5					
, , , , , , , , , , , , , , , , , , ,		ATTACA CONTRACTOR OF THE PARTY	Value (Krd) - *re	Land Control of the C	e 5. Sectio	n 1 FOTG				
	Tillage used for Krd Krd Value									
Present										
Planned		w, 3-4" ridges b	•		1					
			or - refer to tabl	e 2 Section	1 FOTG					
County:	Allegan Climatic Factor: 8									
			ngth of Unshelt		nce					
		Windbreak adju			culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	1400	40	Treeline				1000			
Planned	1400	40	Treeline				1000			
		Windbreak adju	stments:	Or cald	culated "L" (Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	1400	40	Treeline				1000			
Planned	1400		Treeline				1000			
	"V" - Vegitative	Factor (Small		it) for each						
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Soybeans	Soybeans	35%		0		0			
Soil Type 2:	Soybeans	Soybeans	35%		0		0			
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Grain Corn	Grain Corn	40%		0		0			
Soil Type 2:	Grain Corn	Grain Corn	40%		0		0			
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Soybeans		Grain Corn	3.5		4.35	4			
Soil Type 2:	Soybeans	5.2	Grain Corn	3.5		4.35	5			

The estimated soil erosion for this field exceeds the tolerable limit for Metea soil type for the planned rotation.

		Win	d Erosion W	orksheet							
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG					
c	lient:	Fie	ld #:	Date:		County					
Walnut	tdale Dairy	MK	(-47	9/6/	2011		llegan				
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG						
	Na	ime	#	I value	T						
Soil Type 1:	Che	elsea	44C	134	5						
Soil Type 2:	Me	etea	27B	134	4	1					
,	Soil Roug	hness (Ridge)	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG					
	•	Tillage used for Krd Krd Value									
Present		None 1									
Planned		None			1						
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG						
County:	Allegan Climatic Factor: 8										
		"L" - Lei	ngth of Unshelt	ered Distai	псе						
		stments:		culated "L" (Table 4)	Adjusted "L"					
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)				
Present	650		Brush				550				
Planned	650		Brush				550				
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"				
Soil Type 2:		Height	Туре:	Angle	Adj factor	Field width	value (Ft)				
Present	1300		Brush				1200				
Planned	1300		Brush				1200				
	"V" - Vegitative	Factor (Small									
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Present Crop	Residue	Cover	residue	rate		1				
Soil Type 1:	Alfalfa	Alfalfa	65%		0		0				
Soil Type 2:	Alfalfa	Alfalfa	65%		0		0				
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Planned Crop	Residue	Cover	residue	rate		2				
Soil Type 1:	Alfalfa	Alfalfa	65%		0		0				
Soil Type 2:	Alfalfa	Alfalfa	65%		0	L	0				
	"E" Estimated A										
0.11		Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)				
Soil Type 1:	Alfalfa		Alfalfa	0		0	5				
Soil Type 2:	Alfalfa	0	Alfalfa	0		0	4				

		Win	d Erosion W	orkehoot						
	hase	ed on Wind Eros			ection 1 F	OTG				
l c	lient:		ld #:		ate:		County			
	tdale Dairy		48		2011	Allegan				
VValita	tadio Bally		e - refer to Sec		2,1100 - 18 100		ilicgari			
	Na	ime	#	l value	T					
			T	I		1				
Soil Type 1:	Che	elsea	44C	134	5	1				
Soil Type 2:		temo	11C	134	5					
	Soil Roug	hness (Ridge) \	Value (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG				
Tillage used for Krd Krd Value										
Present	None 1									
Planned	Chisel Plo	ow, 3-4" ridges b			1					
	Climatic Factor - refer to table 2 Section 1 FOTG									
County:	Alle	egan	Climatic F		8					
			ngth of Unshelt							
		Windbreak adju			culated "L"	" (Table 4) Adjusted				
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1250		Treeline				850			
Planned	1250		Treeline				850			
		Windbreak adju			culated "L"		Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1250		Treeline				850			
Planned	1250		Treeline				850			
	"V" - Vegitative	Factor (Small	Grain equivale	nt) for each						
			% residue	Lbs	Manure	SGe (Fig. a	n-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		. 1			
Soil Type 1:	Corn Silage	Corn Silage			5,000gal		350			
Soil Type 2:	Corn Silage	Corn Silage			5,000gal		350			
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage			5,000gal		350			
Soil Type 2:	Corn Silage	Corn Silage			5,000gal		350			
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Corn Silage		Corn Silage	3.25		3.25	5			
Soil Type 2:	Corn Silage	3.25	Corn Silage	3.25		3.25	5			

		Win	d Erosion W	orksheet				
	base	ed on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG		
c	lient:	Fie	ld #:	Da	ate:	C	ounty	
Walnu	tdale Dairy	J-	49	9/6/	2011		llegan	
		Soil "I" Valu	e - refer to Sect	tion II of th	e FOTG			
	Na	ame	#	I value	Т			
Soil Type 1:	Che	elsea	44C	134	5]		
Soil Type 2:								
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Soil Roug	hness (Ridge)	Value (Krd) - *re	efer to Tabl	e 5. Sectio	n 1 FOTG		
	3	Tillage used	· ·		Krd Value			
Present		None			1	-		
Planned	Chisel Plo	ow, 3-4" ridges b	v 18" wide		1			
			or - refer to tabl	e 2 Section	1 FOTG			
County:	Allegan Climatic Factor: 8							
			ngth of Unshelt	ered Distai	nce			
		Windbreak adju			culated "L"	(Table 4)	Adjusted "L"	
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)	
Present	1250	40	Treeline				850	
Planned	1250	40	Treeline				850	
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"	
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)	
Present							0	
Planned							0	
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	od	
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table	
	Present Crop	Residue	Cover	residue	rate		1	
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal		350	
Soil Type 2:								
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table	
	Planned Crop	Residue	Cover	residue	rate		2	
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350	
Soil Type 2:								
	"E" Estimated A							
		Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)	
Soil Type 1:	Silage Corn			3.25		3.25	5	
Soil Type 2:	0	0	0	0		0	0	

		Win	d Erosion W	orksheet						
	base	d on Wind Eros			ection 1 F	OTG				
l c	lient:		ld #:		ate:		County			
Walnu	tdale Dairy	J-	50	9/6/	2011		llegan			
		Soil "I" Valu	e - refer to Sect	tion II of the	e FOTG					
	Na	me	#	I value	Т					
Soil Type 1:	Che	elsea	44C	134	5	1				
						1				
Soil Type 2:		ville	10B	250	5	L				
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG								
Tillage used for Krd Krd Value Present Chisel Plow, 3-4" ridges by 18" wide 1										
Present			1							
Planned	Chisel Pic	Chisel Plow, 3-4" ridges by 18" wide 1 Climatic Factor - refer to table 2 Section 1 FOTG								
0	A.II									
County:	Alle	gan	Climatic F		8					
	1		ngth of Unshelt			(T-1-1- 4)	T A -1:41 111 11			
Call Turns 4:	Management	Windbreak adju			culated "L"	, ,	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present Planned	975 975		Treeline				775 775			
Planneu	9/5	Windbreak adju	Treeline	On agle	L culated "L" ((Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle		Field width	•			
Present	350		Treeline	Arigie	Auj lactor	Field width	value (Ft) 150			
Planned	350		Treeline				150			
Tarified	"V" - Vegitative			t) for each	cron in ro	l tational nori				
	V - Vogitative	Tactor (oman	% residue	Lbs	Manure		1-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate	000 (r ig. a	1			
Soil Type 1:	Wheat	Wheat	40%		5,000gal		350			
Soil Type 2:	Wheat	Wheat	40%		5,000gal		350			
	TTTTOGE	villoat	% residue	Lbs	Manure	SGe (Fig. a	1-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate	(i .g	2			
Soil Type 1:		Corn Silage			5,000gal		350			
Soil Type 2:	Corn Silage	Corn Silage			5,000gal		350			
	"E" Estimated A		by wind Erosi			ection 1 FO				
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Wheat	0	Corn Silage	3		1.5	5			
Soil Type 2:	Wheat		Corn Silage	5		2.5	5			

		Win	d Erosion W	orkehoot						
	hase	ed on Wind Eros			Section 1 F	OTG				
C	lient:		d#:		ate:		County			
	tdale Dairy	J-	200 P. N. D. D.	9/6/2011 Allegan						
VValitat	tdaic baily		e - refer to Sect	1997.5.112-100	C. 100 - 100 - 100		liicgan			
	Na	ime	#	l value	T					
						1				
Soil Type 1:	Che	elsea	44C	134	5					
Soil Type 2:										
	Soil Roug	hness (Ridge) \		efer to Tabl	e 5, Sectio	n 1 FOTG				
Tillage used for Krd Krd Value										
Present		ow, 3-4" ridges by			1					
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1								
	Climatic Factor - refer to table 2 Section 1 FOTG									
County:	Alle	gan	Climatic F		8					
			ngth of Unshelt							
		Windbreak adju			culated "L"		Adjusted "L"			
Soil Type 1:		Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present	1300		Treeline				900			
Planned	1300		Treeline				900			
		Windbreak adju			culated "L"		Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small (y						
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350			
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350			
Soil Type 2:										
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Corn Silage		Corn Silage	4		4	5			
Soil Type 2:	0	0	0	0		0	0			

		Win	d Erosion W	orkehoot						
	base	ed on Wind Eros			Section 1 F	OTG				
С	lient:		d #:		ate:		ounty			
	tdale Dairy		52		2011	Allegan				
		Soil "I" Valu	e - refer to Sec							
	Na	ime	#	I value	Т					
Soil Type 1:	Che	elsea	44C	134	5]				
Soil Type 2:										
	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG									
Tillage used for Krd Krd Value										
Present	Chisel Plow, 3-4" ridges by 18" wide 1									
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1								
			or - refer to tabl		1 FOTG					
County:	Alle	egan	Climatic F		8					
			ngth of Unshelt							
		Windbreak adju			culated "L"					
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	750		Treeline				350			
Planned	750		Treeline				350			
		Windbreak adju	stments:	Or cald	culated "L"	(Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present							C			
Planned							C			
	"V" - Vegitative	Factor (Small		nt) for each	crop in ro					
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350			
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350			
Soil Type 2:										
	"E" Estimated A			on (from "l	E" tables S	ection 1 FO	TG)			
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Corn Silage	2	Corn Silage	2		2	5			
Soil Type 2:	0	0	0	0		0	0			

		Min	d Erosion W	orkehoot				
	hase	ed on Wind Eros			Section 1 F	OTG		
_ c	lient:		ld #:		ate:		County	
	tdale Dairy	JS-53A		9/6/2011		Allegan		
VValita	tadic Bally		e - refer to Sect				inegari	
	Na	ime	#	l value	T			
			T	1		1		
Soil Type 1:	Che	elsea	44B	134	5			
Soil Type 2:								
	Soil Roug	hness (Ridge) \	value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG		
		Tillage used	for Krd		Krd Value			
Present		None			1			
Planned		None			1			
	P. Committee	Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG			
County:	Alle	egan	Climatic F		8			
		"L" - Lei	ngth of Unshelt	ered Distar	nce			
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4) Adjusted "I		
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)	
Present	1300		Treeline				900	
Planned	1300		Treeline				900	
		Windbreak adju			culated "L" (Adjusted "L"	
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)	
Present							C	
Planned							0	
	"V" - Vegitative	Factor (Small						
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table	
	Present Crop	Residue	Cover	residue	rate			
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0	
Soil Type 2:								
		5-1 5	% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table	
	Planned Crop	Residue	Cover	residue	rate		2	
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0	
Soil Type 2:								
	"E" Estimated A							
	Present Crop	Soil Loss		Soil Loss		Soil Loss	Tolerable (T/ac)	
Soil Type 1:	Alfalfa		Alfalfa	0		0	5	
Soil Type 2:	0	0	0	0		0	0	

		Win	d Erosion W	orksheet						
	base	ed on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG				
c	lient:	Fiel	ld #:	Da	ate:	C	ounty			
Walnu	tdale Dairy	JS-	JS-53B 9/6/2011				llegan			
		Soil "I" Valu	e - refer to Sect	ion II of th	e FOTG					
	Na	ame	#	I value	Т					
Soil Type 1:	Che	elsea	44B	134	5					
Soil Type 2:										
	Soil Roug	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG Tillage used for Krd Krd Value								
Present		None			1	•				
Planned		None			1					
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	egan	Climatic F		8					
		"L" - Ler	ngth of Unshelt	ered Distai	псе					
		Windbreak adju			culated "L" ((Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1300		Treeline				900			
Planned	1300		Treeline				900			
		Windbreak adju	stments:	Or calc	culated "L" (Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small								
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0			
Soil Type 2:										
		100 M	% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop		Cover	residue	rate		2			
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0			
Soil Type 2:			L							
	"E" Estimated A									
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Alfalfa		Alfalfa	0		0	5			
Soil Type 2:	0	0	0	0		0	0			

		Win	d Erosion W	orksheet			
	hase	d on Wind Eros			ection 1 F	OTG	
C	lient:		d #:		ite:		ounty
	tdale Dairy		53C 9/6/2011			Allegan	
VValita	tadio Bally	11.15	e - refer to Sect				megan
	Na	me	#	l value	T		
	30 50/00	3/4/97030			· ·	1	
Soil Type 1:	Chelsea 44B 134 5					ļ	
Soil Type 2:							
	Soil Roug	hness (Ridge) \		efer to Tabl		n 1 FOTG	
		Tillage used	for Krd		Krd Value		
Present		None			1		
Planned		None			1		
		Climatic Facto	or - refer to tabl		1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt				
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"		Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300		Treeline				900
Planned	1300		Treeline				900
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	od
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:							
	"E" Estimated A	nnual Soil Loss	s by wind Erosi	on (from "I	E" tables S	ection 1 FO	TG)
		Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion We	orksheet			
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG	
С	lient:	Fiel	ld #:	Date:		County	
Walnut	tdale Dairy	JS-	53D	9/6/2	2011	- A	llegan
		Soil "I" Valu	e - refer to Sect	ion II of the	FOTG		
	Na	me	#	I value	T		
Soil Type 1:	Che	lsea	44B	134	5		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5. Sectio	n 1 FOTG	
		Tillage used			Krd Value		
Present	19-	None			1		
Planned		None			1		
		TO STOREMENT AND AND ADDRESS OF THE PARTY OF	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F	actor:	8		
		"L" - Ler	ngth of Unshelt	ered Distar	псе		
		Windbreak adju			culated "L" (Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:							
	2000		% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:			<u> </u>			L	
	"E" Estimated A						
	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orkshoot			
	hase	ed on Wind Eros			Section 1 F	OTG	
l c	lient:		d #:		ate:		County
	dale Dairy	JS-53E 9/6/2011			Allegan		
VValitat	dalo Bally		e - refer to Sect			,	megan
	Na	ime	#	l value	Т		
			· · · · · · · · · · · · · · · · · · ·	1		1	
Soil Type 1:	Che	elsea	44B	134	5		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used	for Krd		Krd Value		
Present		None			1	-	
Planned		None			1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt				
		Windbreak adju	stments:		culated "L"		Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	1300		Treeline				1200
Planned	1300		Treeline				1200
		Windbreak adju			culated "L"		Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							C
Planned	<u></u>				<u> </u>	L	0
	"V" - Vegitative	Factor (Small					
	D		% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
0.17	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:			0/ 11			00 (5)	
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:			L			L.,	
	'E" Estimated A						
0.11.7	Present Crop	Soil Loss		Soil Loss		Soil Loss	Tolerable (T/ac
Soil Type 1:	Alfalfa		Alfalfa	0	A comment of the comm	0	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orksheet				
	base	d on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG		
С	lient:	Fie	ld #:	Da	ate:	C	ounty	
Walnu	tdale Dairy	No	v-57	9/6/2011			Allegan	
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG			
	Na	ime	#	I value	Т			
Soil Type 1:	Me	etea	27B	134	4			
Soil Type 2:								
,,	Soil Roug	hness (Ridge)	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG		
		Tillage used			Krd Value			
Present	Chisel Pla	ow, 3-4" ridges b			1	•		
Planned		ow, 3-4" ridges b	•		1			
			or - refer to tabl	e 2 Section	1 FOTG			
County:	Alle	gan	Climatic F		8			
			ngth of Unshelt		nce			
	1	Windbreak adju		Or calc	culated "L"	Table 4)	Adjusted "L"	
Soil Type 1:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)	
Present	500		Treeline	7g.c	i iaj iaiti.	11010 1110111	300	
Planned	500		Treeline				300	
		Windbreak adju		Or calc	culated "L" (Table 4)	Adjusted "L"	
Soil Type 2:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)	
Present		, vo.g	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7	7 1013 1010101		0	
Planned							0	
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	od	
		(% residue	Lbs	Manure		-1 to c-2.) Table	
	Present Crop	Residue	Cover	residue	rate	(1.9.1	1	
Soil Type 1:	Soybeans	Soybeans	40%					
Soil Type 2:		,						
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table	
	Planned Crop	Residue	Cover	residue	rate	(, ,g, -	2	
Soil Type 1:	Corn Grain	Corn Grain	40%					
Soil Type 2:			.370					
	"E" Estimated A	nnual Soil Loss	s by wind Erosi	on (from "I	E" tables S	ection 1 FO	TG)	
	Present Crop	Soil Loss		Soil Loss		Soil Loss	Tolerable (T/ac)	
Soil Type 1:	Soybeans		Corn Grain	2		2.3	4	
Soil Type 2:	0	0	0			0	0	

		Win	d Erosion W	orksheet						
	base	ed on Wind Eros	sion Worksheet	found in S	Section 1 F	OTG				
С	lient:	Fiel	d #:	Da	ate:	C	ounty			
Walnut	tdale Dairy	Nov	-58A	9/6/	2011	A	llegan			
		Soil "I" Valu	e - refer to Sect	ion II of th	e FOTG					
	Na	ime	#	I value	Т					
Soil Type 1:	Me	etea	27B	134	4					
Soil Type 2:										
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG				
	Tillage used for Krd Krd Value									
Present	Chisel Plo	ow, 3-4" ridges b	y 18" wide		1	•				
Planned	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1								
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	gan	Climatic F		8					
		"L" - Ler	ngth of Unshelt	ered Distai	nce					
		Windbreak adju			culated "L"	(Table 4)	Adjusted "L"			
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	1200	30	Treeline				900			
Planned	1200	30	Treeline				900			
		Windbreak adju	stments:	Or cald	culated "L"	(Table 4)	Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small		nt) for each	crop in ro	tational peri	od			
			% residue	Lbs	Manure	SGe (Fig. a	1-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Soybeans	Soybeans	40%	500	0					
Soil Type 2:										
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Tritical	Tritical	40%	1400						
Soil Type 2:										
	"E" Estimated A	nnual Soil Loss	s by wind Erosi	on (from "l	E" tables S	ection 1 FO	TG)			
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Soybeans	5.1	Tritical	0		2.55	4			
Soil Type 2:	0	0	0	0		0	0			

The estimated rate of soil erosion for this field is below the tolerable rate for this crop rotation.

		Win	d Erosion W	orksheet			
	base	d on Wind Eros			ection 1 F	OTG	
l c	lient:		d #:		ite:		ounty
	tdale Dairy	Nov	-58B	9/6/	2011	Allegan	
		Soil "I" Value	e - refer to Sect	ion II of the	FOTG	AGS 1	0
	Na	me	#	I value	Т		
0 1 7 4			070			1	
Soil Type 1:	IVIE	tea	27B	134	4		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used			Krd Value	_	
Present	Chisel Plo	w, 3-4" ridges by	y 18" wide		1	-	
Planned	Chisel Plo	w, 3-4" ridges by	y 18" wide		1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F		8		
		"L" - Ler	ngth of Unshelt				
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	1700	40	Treeline				1300
Planned	1700	40	Treeline				1300
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							C
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	iod
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate	W 355	1
Soil Type 1:	Soybeans	Soybeans	40%	500	0		
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Tritical	Tritical	40%	1400			
Soil Type 2:							
	"E" Estimated A	nnual Soil Loss	s by wind Erosi	on (from "l	E" tables S	ection 1 FO	TG)
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.4	Tritical	0.1		2.75	4
Soil Type 2:	0	0	0	0		0	0

The estimated rate of soil erosion for this field is below the tolerable rate for the crop rotation.

		Win	d Erosion W	orksheet						
	base	d on Wind Eros			ection 1 F	OTG				
C	lient:		ld #:		ite:		ounty			
	dale Dairy		-61C		2011		llegan			
		Soil "I" Valu	e - refer to Sect	ion II of the	FOTG		J			
	Na	me	#	I value	Т					
Soil Type 1:	Che	elsea	44C	134	5					
Soil Type 2:										
	Soil Roug	hness (Ridge) \	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG				
	Tillage used for Krd Krd Value									
Present	Chisel Plo	Chisel Plow, 3-4" ridges by 18" wide 1								
Planned	Chisel Pla	Chisel Plow, 3-4" ridges by 18" wide 1								
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG					
County:	Alle	gan	Climatic F		8					
			ngth of Unshelt							
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"			
Soil Type 1:		Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present	975		Brush				875			
Planned	975		Brush				875			
		Windbreak adju	stments:		culated "L" (Adjusted "L"			
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)			
Present							0			
Planned							0			
	"V" - Vegitative	Factor (Small								
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Present Crop	Residue	Cover	residue	rate		1			
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal		1200			
Soil Type 2:										
		90 W O O O	% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table			
	Planned Crop	Residue	Cover	residue	rate		2			
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal		1200			
Soil Type 2:			L	L						
	'E" Estimated A									
		Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)			
Soil Type 1:	Corn Silage		Corn Silage	0		0	5			
Soil Type 2:	0	0	0	0		0	0			

		\A/:	-l = \0/								
	haaa		d Erosion W	A 100 A 100 A 100 A 100 A 100	estion 4 F	OTO					
		ed on Wind Eros					a unfu				
	tdale Dairy		l d #: -61D		i te: 2011		County				
vvainu	tdale Dally	ATPAN N	299.1 10.75-31			P	llegan				
	Na		e - refer to Sect		eroig						
	INA	ime	#	I value		1					
Soil Type 1:	Che	elsea	44C	134	5						
Soil Type 2:											
	Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG										
		Tillage used			Krd Value						
Present	Chisel Plo	ow, 3-4" ridges b	y 18" wide		1	-					
Planned	Chisel Plo	ow, 3-4" ridges b			1						
		Climatic Factor	or - refer to tabl	e 2 Section	1 FOTG						
County:	Alle	egan	Climatic F		8						
			ngth of Unshelt								
		Windbreak adju	stments:	Or cald	culated "L" ((Table 4)	Adjusted "L"				
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)				
Present	1800		Treeline				1600				
Planned	1800		Treeline				1600				
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"				
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)				
Present							0				
Planned							0				
	"V" - Vegitative	Factor (Small		nt) for each							
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Present Crop	Residue	Cover	residue	rate		1				
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal		1200				
Soil Type 2:											
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table				
	Planned Crop	Residue	Cover	residue	rate		2				
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal		1200				
Soil Type 2:											
	"E" Estimated A	nnual Soil Los	s by wind Erosi	on (from "l	E" tables S	ection 1 FO	TG)				
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)				
Soil Type 1:	Corn Silage	0	Corn Silage	0		0	5				
Soil Type 2:	0	0	0	0		0	0				

		Win	d Erosion W	orkehoot			
	hase	ed on Wind Eros			Section 1 F	OTG	
l c	lient:		ld #:		ate:		ounty
	tdale Dairy		70		2011		llegan
	and Dain's		e - refer to Sect				
	Na	me	#	l value	T		
0.11			F4.A	404		1	
Soil Type 1:	Ine	tford	51A	134	4	-	
Soil Type 2:							
	Soil Roug	hness (Ridge) \	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used	for Krd		Krd Value	_	
Present		none			1		
Planned		none			1		
			or - refer to tabl		1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt				
		Windbreak adju			culated "L" (Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	625		Driveway				605
Planned	625	2	Driveway				605
		Windbreak adju			culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							C
Planned	<u> </u>		<u></u>			L	C
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	n-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	40%	1400	0		0
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Planned Crop		Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0		0
Soil Type 2:			L		<u> </u>	L.,	
	"E" Estimated A						
	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	4
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orkshoot			
	hase	ed on Wind Eros	AND A STATE OF THE		Section 1 F	OTG	
c	lient:		ld #:		ate:		County
	dale Dairy		72	9/6/2011		Allegan	
VValitat	adio Baily		e - refer to Sect	15.000			mogari
	Na	me	#	l value	Т		
			· · ·		<u></u>	1	
Soil Type 1:	Kik	bie	33A	86	5		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used	for Krd		Krd Value		
Present	•	none			1	-	
Planned		none			1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt				
		Windbreak adju	stments:		culated "L"		Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	575		Treeline				275
Planned	575		Treeline				275
		Windbreak adju			culated "L"		Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	40%	1400			
Soil Type 2:							
		22	% residue	Lbs	Manure	SGe (Fig. a	a-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700			
Soil Type 2:							
	'E" Estimated A						
	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG	
С	lient:	Fiel	d #:		ite:	County	
Walnu	tdale Dairy	17-	1&2	3/5/	2008	Α	llegan
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG		
	Na	me	#	I value	Τ		
Soil Type 1:	Kib	bie	33A	86	5		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
	_	Tillage used	for Krd		Krd Value		
Present		none			1	•	
Planned		none			1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F		8		
		"L" - Ler	ngth of Unshelt	ered Distar	псе		
		Windbreak adju	stments:	Or cald	culated "L" (Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2375		brush				2355
Planned	2375		brush				2355
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro		
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
- 71	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:							
	"E" Estimated A	nnual Soil Los			E" tables S	ection 1 FO	
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0		0	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG	
c	lient:	Fiel	ld #:	Date:		County	
Walnut	tdale Dairy	17-	3-5	9/6/2011		Allegan	
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG		
	Na	me	#	I value	Т		
Soil Type 1:	Rir	ner	28A	134	3		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	fer to Tabl	e 5. Sectio	n 1 FOTG	
	3	Tillage used			Krd Value		
Present		none			1	•	
Planned		none			1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	gan	Climatic F		8		
		"L" - Ler	ngth of Unshelt	ered Distar	псе		
		Windbreak adju	stments:	Or cald	culated "L" (Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300		brush				1280
Planned	1300		brush				1280
		Windbreak adju	stments:		culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:						00 (5)	
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
0 11 = 1	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:		10.11		/6			TO)
	"E" Estimated A						
Call Tree 4	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	3
Soil Type 2:	0	0	0	0		0	0

The estimated rate of soil erosion for this field is below the tolerable limit.

		Win	d Erosion W	orksheet			
	base	10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7	sion Worksheet		Section 1 F	OTG	
c	lient:	Fie	ld #:	Date:		County	
Walnu	tdale Dairy	-17-	6&7	9/6/2011		Α	llegan
		Soil "I" Valu	e - refer to Sect	ion II of th	e FOTG		
	Na	ime	#	I value	Т	_	
Soil Type 1:	Rin	mer	28A	134	3		
Soil Type 2:	Meta	mora	42B	86	5		
	Soil Roug	hness (Ridge)	Value (Krd) - *re	fer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used	for Krd		Krd Value		
Present		none			1	-	
Planned		none			1		
		Climatic Facto	or - refer to tabl	e 2 Sectior	1 FOTG		
County:	Alle	egan	Climatic F		8		
	-		ngth of Unshelt				
		Windbreak adju			culated "L"		Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2050		brush				2030
Planned	2050	2					2030
		Windbreak adju			culated "L"		Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	2600		brush				2580
Planned	2600		brush				2580
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:							
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal		1400
Soil Type 2:							
	"E" Estimated A						
		Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa		Alfalfa	0		0	3
Soil Type 2:	Alfalfa	0	Alfalfa	0		0	5

The estimated rate of erosion is below the tolerable limit.

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	THE CONTRACT OF THE PARTY OF TH			OTG	
c	lient:		ld #:		ite: County		ounty
	tdale Dairy		omp	9/6/	2011	Allegan	
,	•		e - refer to Sect	ion II of the	e FOTG		Ü
	Na	ime	#	I value	Т		
0-11 Tom - 4.	Olara	f	440	104	5	1	
Soil Type 1:	Che	elsea	44B	134	5		
Soil Type 2:							
	Soil Roug	hness (Ridge) \	/alue (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used			Krd Value	-	
Present		ow, 3-4" ridges b			1		
Planned	Chisel Plo	ow, 3-4" ridges b			1		
			or - refer to tabl		1 1 FOTG		
County:	Alle	egan	Climatic F		8		
			ngth of Unshelt				-
		Windbreak adju	stments:		culated "L"	(Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	975		Trees				675
Planned	975		Trees				675
		Windbreak adju			culated "L"		Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0
	"V" - Vegitative	Factor (Small					
	4 1826	area ave	% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350
Soil Type 2:							
	0.000		% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal		350
Soil Type 2:							
	"E" Estimated A						
		Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	4	0 0 1 1 1 0 11 0 13 0	4		4	5
Soil Type 2:	0	0	0	0		0	0

		Win	d Erosion W	orksheet			
	base	d on Wind Eros			ection 1 F	OTG	
c	lient:		d #:		ite:	County	
	tdale Dairy		am		2011		llegan
		Soil "I" Valu	e - refer to Sect	tion II of the	FOTG		0
	Na	me	#	I value	Т		
0-11 Tomo 4	NA-4-		400	00	_	1	
Soil Type 1:	Ivieta	mora	42B	86	5		
Soil Type 2:		mer	28A	134	3		
	Soil Roug	hness (Ridge) \		efer to Tabl		n 1 FOTG	
		Tillage used			Krd Value		
Present		ow, 3-4" ridges by	•		.7/1		
Planned	Chisel Plo	w, 3-4" ridges by			.7/1		
			or - refer to tabl		1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt				
		Windbreak adju			culated "L" (Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	950		ditch				930
Planned	950		ditch				930
		Windbreak adju			culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300		ditch				1280
Planned	1300		ditch				1280
	"V" - Vegitative	Factor (Small					
	D	D	% residue	Lbs	Manure	SGe (Fig. a	i-1 to c-2.) Table
0 1 7 4	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Silage Corn	Silage Corn			5,000gal		350
Soil Type 2:	Silage Corn	Silage Corn	0/ 1		5,000gal	00 /F:	350
	DI IO	D 11	% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
0.17	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Silage Corn	Silage Corn			12,000gal		1700
Soil Type 2:	Silage Corn	Silage Corn	- Incompany I I I I I I I I I I I I I I I I I I I		12,000gal		1700
	"E" Estimated A						
O-U.T.	Present Crop	Soil Loss		Soil Loss	Average	Soil Loss	Tolerable (T/ac
Soil Type 1:	Silage Corn		Silage Corn	0		0.625	5
Soil Type 2:	Silage Corn	3.5	Silage Corn	0		1.75	3

The estimated rate of soil erosion is below the tolerable limit.

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	ion Worksheet	found in S	ection 1 F	OTG	
	lient:	Fiel	ld #:	Date:		County	
Walnu	tdale Dairy	Lever	ndoski	9/6/	2011	А	llegan
		Soil "I" Value	e - refer to Sect	ion II of the	e FOTG		
	Na	ime	#	I value	Т		
Soil Type 1:	Colv	vood	30	56	5		
		bie	33A	86	5	1	
Soil Type 2:		hness (Ridge) \		V-E-1			
	Soli Roug	Tillage used		er to Tabi	Krd Value	nifold	
Present	Chical Dia	ow, 3-4" ridges b			0.7	-	
Planned		ow, 3-4" ridges b			0.7		
Fiailileu	Chiser Fic		or - refer to tabl	o 2 Soction			
County:	ΔΙΙο	gan	Climatic F		8		
County.	Alle	"I" - Lor	ngth of Unshelt				
		Windbreak adju			culated "L" (Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1530		trees	Angle	Adj lactor	i leia wiatii	1130
Planned	1530		trees				1130
riamica	1000		Vindbreak adjustments:		culated "L" (Table 4)	Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)
Present	1275		trees	i migre			875
Planned	1275		trees				875
	"V" - Vegitative	Factor (Small		nt) for each	crop in ro	tational peri	od
		,	% residue	Lbs	Manure		-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:	Silage Corn	Silage Corn		350	0		0
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal		350
Soil Type 2:	Silage Corn	Silage Corn		350	5,000gal		350
	"E" Estimated A	nnual Soil Loss	by wind Erosi	on (from "l	E" tables S	ection 1 FO	
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	0	Silage Corn	0		0	5
Soil Type 2:	Silage Corn		Silage Corn	0.4		0.4	5

The estimated rate of soil erosion is below the tolerable limit.

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	sion Worksheet	found in S	ection 1 F	OTG	
c	lient:	Fie	ld #:	Da	te: County		County
Walnu	tdale Dairy	BK-D B. Kuperus SW		9/6/	9/6/2011		llegan
		Soil "I" Valu	e - refer to Sect	ion II of the	e FOTG		
	Na	me	#	I value	Т		
Soil Type 1:	Thetfo	rd LFS	51A	134	4		
Soil Type 2:						1	
3011 Type 2.	Soil Poug	hness (Ridge) \	Jalua (Krd) *re	for to Tabl	o E Soction	n 1 FOTG	
	3011 Roug	Tillage used		elel to Tabl	Krd Value	IIIFOIG	
Present	Chical Dic	ow, 3-4" ridges b			Niu value	•	
Planned		ow, 3-4" ridges b	•		1		
Flatilled	Chiserric		or - refer to tabl	o 2 Section	1 FOTG		
County:	ΔΙΙσ	gan	Climatic F		8		
County.	Alle	"I" - Lor	ngth of Unshelt				
		Windbreak adju		Or cale	culated "L" (Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)
Present	790		trees	Angle	Adj lactor	Tiela Wiatii	390
Planned	790		trees				390
riamica	700	Windbreak adju		Or calc	culated "L" (Table 4)	Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)
Present	Modedied E	rioigiit	1,700.	, angle	raj racio:	r ioia wiatir	0
Planned							0
	"V" - Vegitative	Factor (Small	Grain equivaler	nt) for each	crop in ro	tational peri	iod
	Jogianara		% residue	Lbs	Manure		n-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate	(1
Soil Type 1:	Silage Corn	Silage Corn		350			0
Soil Type 2:		0			0		0
71			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:		- U					
	"E" Estimated A	nnual Soil Los	by wind Erosi	on (from "l	E" tables S	ection 1 FO	TG)
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn		Silage Corn	4		4	4
Soil Type 2:	0		0			0	0

The estimated rate of soil erosion is equal to the tolerable rate of erosion.

		Win	d Erosion W	orksheet			
	base	ed on Wind Eros				OTG	
l c	lient:	Fiel	d #:	Da	ate:	County	
Walnu	tdale Dairy	DeV	Vitts	9/6/	2011		Allegan
		Soil "I" Valu	e - refer to Sect	ion II of the	FOTG		
	Na	me	#	I value	Т		
Cail Tuna 1	Mort	ette L	75B	56	5	1	
Soil Type 1:	IVIario	elle L	758	56		-	
Soil Type 2:		ea LFS	53B	134	5		
	Soil Roug	hness (Ridge) \		fer to Tabl	e 5, Section	n 1 FOTG	
		Tillage used			Krd Value		
Present		ow, 3-4" ridges by			.7/1		
Planned	Chisel Plo	ow, 3-4" ridges by			.7/1		
			or - refer to tabl		1 FOTG		
County:	Alle	gan	Climatic F		8		
			ngth of Unshelt	ered Distar	ıce		
		Windbreak adju			culated "L" ((Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1420		trees				1020
Planned	1420		trees				1020
		Windbreak adju			culated "L" (Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	700		Ditch/field edge				650
Planned	700		Ditch/field edge				650
	"V" - Vegitative	Factor (Small					
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Silage Corn	Silage Corn		350			0
Soil Type 2:	Silage Corn	Silage Corn			12,000gal		800lbs
	200 Tes		% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:		Silage Corn		350			0
Soil Type 2:	Silage Corn	Silage Corn			12,000gal		800lbs
	"E" Estimated A						
	Present Crop	Soil Loss	Planned Crop	Soil Loss		Soil Loss	Tolerable (T/ac
Soil Type 1:	Silage Corn		Silage Corn	0		0	5
Soil Type 2:	Silage Corn	6	Silage Corn	0		3	5

The average predicted rate of soil erosion is below the tolerable limit.

		Win	d Erosion W	orksheet			
	base	d on Wind Eros	ion Worksheet	found in S	ection 1 F	OTG	
	lient:	32 2004	ld #:		ite:	County	
Walnu	tdale Dairy		gen North		2011	A	llegan
		Soil "I" Value	e - refer to Sec	ion II of the	FOTG		
	Na	me	#	I value	Т		
Soil Type 1:	Blo	ount	41B	48	3		
Soil Type 2:		ville	53B	250	4	1	
Soil Type 2.		hness (Ridge) \				n 4 FOTC	
	Son Roug	Tillage used		elel to Tabl	Krd Value	IIIFOIG	
Present	Chical Pla	ow, 3-4" ridges b			.7/1	-	
Planned		ow, 3-4" ridges b			.7/1		
riamieu	Offiserric		or - refer to tabl	e 2 Section			
County:	Alle	gan	Climatic F		8		
o ourity.	7 1110		ngth of Unshelt				
		Windbreak adju			culated "L" ((Table 4) Adjusted "L"	
Soil Type 1:	Measured "L"	Height	Type:	Angle		Field width	value (Ft)
Present	1250		trees	J	,		850
Planned	1250		trees				850
		Windbreak adju	stments:	Or cald	culated "L" (Table 4)	Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	1280	40	trees				880
Planned	1280		trees				880
	"V" - Vegitative	Factor (Small		nt) for each			
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:	Silage Corn	Silage Corn		350	0		0
			% residue	Lbs	Manure	SGe (Fig. a	-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:	Silage Corn	Silage Corn		350	0		0
	"E" Estimated A						
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac
Soil Type 1:	Silage Corn		Silage Corn	0		0	3
Soil Type 2:	Silage Corn	12	Silage Corn	12		12	4

The estimated rate of soil erosion for the Oakville soil type exceeds the tolerable limit.

			d Erosion W				
		d on Wind Eros					
	lient:		ld #:		ite:	County	
Walnu	tdale Dairy		bergen South 9/6/201			A	llegan
			e - refer to Sect	ion II of the	e FOTG		
	Na	ime	#	I value	T		
Soil Type 1:	Oal	cville	53B	250	4		
Soil Type 2:	Rim	er LS	28A	134	3		
	Soil Roug	hness (Ridge) \	Value (Krd) - *re	efer to Tabl	e 5, Sectio	n 1 FOTG	
		Tillage used			Krd Value		
Present	Chisel Plo	ow, 3-4" ridges b			1	•	
Planned		ow, 3-4" ridges b			1		
		Climatic Facto	or - refer to tabl	e 2 Section	1 FOTG		
County:	Alle	egan	Climatic F		8		
		"L" - Lei	ngth of Unshelt	ered Distai	nce		
		Windbreak adju	istments:	Or cald	culated "L" (Table 4)	Adjusted "L"
Soil Type 1:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	1180	40	trees				780
Planned	1180	40	trees				780
		Windbreak adju	stments:	Or cald	culated "L" (Table 4)	Adjusted "L"
Soil Type 2:	Measured "L"	Height	Туре:	Angle	Adj factor	Field width	value (Ft)
Present	990	40	trees				590
Planned	990		trees				590
	"V" - Vegitative	Factor (Small		nt) for each	crop in ro		
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Present Crop	Residue	Cover	residue	rate		1
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:	Silage Corn	Silage Corn		350	0		0
			% residue	Lbs	Manure	SGe (Fig. a	ı-1 to c-2.) Table
	Planned Crop	Residue	Cover	residue	rate		2
Soil Type 1:	Silage Corn	Silage Corn		350	0		0
Soil Type 2:	Silage Corn	Silage Corn		350	0		0
	"E" Estimated A						
	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average	Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	12	Silage Corn	12		12	4
Soil Type 2:	Silage Corn	5	Silage Corn	5		5	3

The estimated rate of soil erosion exceeds the tolerable limit.